CWA 401 Water Quality Certification Request

version 2.14

(Submission #: HQ9-PD5F-V22ZD, version 3)

Details

Site: R. Anderson Boat Shop

Submission ID HQ9-PD5F-V22ZD

Form Input

Form Instructions

Form Instructions

Instructions for filling out the 401 Prefiling Meeting Request Form are located on the Alaska DEC website at the link below.
401 Prefiling Meeting Request Form Instructions

Agents: For Delegation of Authority to act on behalf of the applicant in processing the application, use the following form, have signed, and upload with application.

- Delegation of Authority - 401 Application

Contact Information (1 of 3)

Required Contacts

The following **Contact Roles are *REQUIRED***. Please select the appropriate role(s) for each contact and complete the contact details. Multiple role(s) may be assigned to each unique individual.

- **Applicant** (Responsible Party)
- **Billing Contact**

Contact Role(s)
Applicant
Billing Contact
Owner

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Robert	Anderson

Title
Owner

Organization Name
None

Phone Type	Number	Extension
Home	206-910-7702	

Email
bobandersonfire@gmail.com

Mailing Address

PO Box 135

Klawock, AK 99925

Contact Information (2 of 3)

Required Contacts

The following **Contact Roles are *REQUIRED***. Please select the appropriate role(s) for each contact and complete the contact details. Multiple role(s) may be assigned to each unique individual.

- **Applicant** (Responsible Party)
- **Billing Contact**

Contact Role(s)
Agent

Contact

Prefix
NONE PROVIDED

First Name	Last Name
Trevor	Sande

Title
Principal Engineer

Organization Name
R&M Engineering-Ketchikan, Inc

Phone Type	Number	Extension
Business	907 225-7917	

Email
trevorsande@rmketchikan.com

Mailing Address

7180 Revilla Road, Suite 300

Ketchikan, AK 99901

Contact Information (3 of 3)

Required Contacts

The following **Contact Roles are *REQUIRED***. Please select the appropriate role(s) for each contact and complete the contact details. Multiple role(s) may be assigned to each unique individual.

- **Applicant** (Responsible Party)
- **Billing Contact**

Contact Role(s)
Application Preparer

Contact

Prefix
NONE PROVIDED

First Name Elijah
Last Name Owens

Title
Engineering Technician

Organization Name
R&M Engineering Ketchikan

Phone Type	Number	Extension
Mobile	9074011495	

Email
ian@rmketchikan.com

Mailing Address

7180 Revilla Road, Suite 300

Ketchikan, AK 99901

Project / Facility Site Info

Identify the applicable federal license or permit

A copy of the federal permit or license application is required to be submitted with the request for the water quality certification. (18 AAC 15.130, 18 AAC 15.180)

Federal Agency
Army Corps of Engineers (USACE)

Permit License Number (ex. USACE: POA-XXXX-XXXX; FERC: FERC-xxxx-xxxx; EPA: AK#######)
POA-2024-00594

Project Name or Title
R. Anderson Boat Shop

Primary Receiving Waterbody Name
Klawock Inlet

Estimated Project Dates (+/- 30 days)

Project Estimated Start Date	Project Estimated End/Completion Date
01/01/2025	12/31/2025

Approximate date(s) when any Discharge(s) may commence (+/- 30 days)

Description	Discharge Estimated Start Date	Discharge Estimated End Date
NONE PROVIDED	*NONE PROVIDED*	*NONE PROVIDED*

Project Description (Nature of Activity, include all features)
This project consists of installing a new boat dock to accommodate three vessels. Construction will include a 60' aluminum gangway with a 15 cubic yard concrete abutment, 750 square feet of wood float, five new 12" diameter steel piles, 2000 cubic yards of dredging, 170 cubic yards of stacked rock wall, and 150 cubic yards of rip rap armor rock. Limit of dredging to -8 MLLW.
A 80 lineal foot stacked rock wall and 40 linear foot rip rap armored slope will be constructed on the east side of the site to provide erosion protection.
The Marine Contractor will utilize a crane/spud barge for the marine work. Piles will be started with a vibratory hammer if embedment is not achieved, an impact hammer will be utilized to finish installation. Turbidity is negligible using these methods. ICE 216B Vibratory hammer maximum vibrations per minute (VPM): 1750, 50 tons driving force. ICEI-19 Impact hammer, 200 tons driving force.

Project Purpose (Describe the reason(s) for discharge)
Dredging is required to allow installation of the dock and provide vessels dock access. Construction will involve dredging and removing 2000 cubic yards of material consisting of beach gravel. The dredging will be performed using a track mounted hydraulic excavator. Work will be performed at low tide to minimize impacting waterways

The dredged material that is clean rock and granular in nature and is of beneficial use
will be spread adjacent to the cut area and level the surrounding uplands area. Material that is not suitable ie containing silt, sand, woody debris, etc will be loaded into 10-yard dump trucks and transported to a waste site owned and operated by Shaan Seet Incorporated. The waste site, known as the Shaan Seet 62 pit, is on Port St. Nicholas Road 2.0 miles from the project site by road (See attached map).

Is any portion of the work already complete?
No

Description of current activity site conditions
The site is currently undeveloped water front property.

Relevant Site Data, Photographs that Represent Current Site Conditions, or other Relevant Documentation
Anderson Dredging Waste Site.pdf - 01/24/2025 02:01 PM
Comment
NONE PROVIDED

Is this a linear project? (i.e., utility line, road, etc.)
No

Project Address
8th Street
Craig, AK 99921

Visit the link below to help with conversion between DMS and Latitude/Longitude
DSM - Lat/Long converter

Project Location
55.47810969679514,-133.1448767022329

Visit the following link if you need to convert the lat/long to get the **PLSS information**
Converter for Section, Township, and Range

PLSS Location (Public Land Survey System)

State Tax Parcel ID	Borough/Municipality	Meridian	Section	Township	Range
NONE PROVIDED	Prince of Wales-Hyder Census Area	Copper River	S5	T74S	R81E

Directions to Site
Entering Craig from east on Craig-Klawock Hwy continue west. Craig-Klawock Hwy. Turn north on Ninth Street. Continue to 8th street. Turn right on 8th Street, project is on the right.

Federal Agency Contact (1 of 1)

Have you been working with anyone in the Federal Agency?
Yes

Federal Contact Role
USACE

Federal Agency Contact

First Name	Last Name
Olivia	Ortiz

Title
Regulatory Specialist

Organization Name
U.S. Army Corps of Engineers

Phone Type	Number	Extension
Business	907 753-2586	

Email
Olivia.K.Ortiz@usace.army.mil

Dredge Material to be Discharged

Is dredging involved?
Yes

How many acres?
0.06

How much volume? (Cubic Yards)
2,000.00

Is the dredging considered a new project, or maintenance?
New Project

Tier Analysis

A tier analysis is comprised of a layered approach to determine the need for testing the dredge material to aid in generating physical, chemical, toxicity and bioaccumulation information, but not more information than is necessary to make factual determinations.
The tier analysis is a series of tiers (I – IV) or levels of intensity (and cost) of investigation. It is necessary to proceed through the tiers only until information is sufficient to make factual determinations, no further testing is required.

- **Tier I - Site Evaluation and History**. The initial tier (Tier I) uses readily available, existing information (including all previous testing). For certain dredge materials with readily apparent potential for environmental impact (or lack thereof), information collected in Tier I may be sufficient for making factual determinations.
- **Tier II - Chemical Testing** is concerned solely with sediment and water chemistry.
- **Tier III - Biological Testing (bioassay and/or bioaccumulation testing)** is concerned with well-defined, nationally accepte toxicity and bioaccumulation testing procedures.
- **Tier IV - Special Studies** allows for case-specific laboratory and field testing, and is intended to for use in unusual circumstances.

For more information regarding a Tier analysis, see below references

- EPA Inland Testing Manual
- USACE Seattle District Civil Works DMMP User Manual

Has a Tier analysis been conducted of the dredged prism?
No

Note, if marked NO; A Tier analysis may be required later upon review of the request.

For more information regarding a Tier analysis, see below references

- EPA Inland Testing Manual
- USACE Seattle District Civil Works DMMP User Manual

Fill Material to be Discharged

Will Fill Material be Discharged?
Yes

For fill material, identify the material source
Locally sourced

Types of material being discharged and the amount of each type (cubic yards)

Type	Cubic Yards
Rip Rap Armor Rock	150
Stacked Rock Wall	170
Cast in Place Concrete (Up Lands)	15

Surface area in (acres or linear feet) of wetlands or other waters filled

Surface Area	Units
140	Linear Feet

Discharge Location Information (1 of 1)

Identify the location and nature of any potential discharge that may result from the proposed project and the location of receiving waters

Discharge Location ID (001, 002, 003, - increment by one)
001

Location Description
Upland disposal adjacent to project site. Owned by applicant.

Placement of Dredged/Fill material discharge
Uplands

NOTE: if you have a receiving water that is Wetlands, just enter the generic term "Wetlands". Do not enter "Wetlands of Tanana River", for example.

Please select 'Other' if your waterbody is not in the list below.
You can start typing the name of the waterbody to filter the list.

Receiving Waterbody / Wetlands Name
Klawock Inlet

Discharge Location
55.478252614516876,-133.1453029780894

Other Pollutant Sources

Contaminated Site Information

Determine if your project is **within 1,500 feet** of a known Alaska DEC Contaminated Site. See the *Alaska DEC Contaminated Web Map* below. This will help you to identify if any potential pollutants/parameters of concern may be present on your project site., see DEC's website:

- **Contaminated Sites Web Map**
- **Contaminated Sites Database Search website**

Is the project within 1,500 feet of a known contaminated site?
Yes

Contaminated Sites

Hazard ID#	Contaminated Site Name	Contaminant Type	Latitude	Longitude	In soil or groundwater?	CS Staff Contact
24915	Craig City Shop	Petroleum	55.4793	-133.1397	Unknown	No Longer Assigned
2719	Craig Ranger District Heating Tank	DRO and GRO	55.4752	133.1444	Unknown	No Longer Assigned
3289	AT&T Alascom Craig Relay	DRO	55.4756	133.1478	Unknown	No Longer Assigned
2385	Craig Power Plant	Petroleum	55.4771	133.1485	Unknown	Stacee Henderson
4252	Haidaway Lodge HOT	DRO	55.4775	133.1499	Unknown	IC Unit

Describe the identified contaminated site(s) or groundwater plume within 1,500 feet
Three of the identified site are not longer assigned. Conditions in soil and groundwater are unknown.

Parameters of Concern that may be present in discharge

Parameter(s) of Concern

Identify the parameters of concern that may be present in your discharge from the dredge and/or fill material.

Note, **TURBIDITY** and **SEDIMENT** are routine parameters associated with dredge and/or fill activities.

Consider if other parameters may be present from past activities in the area such as contamianted site data, impaired waters or other relevant water quality data, or other parameters of concern identified during the application process.

Parameter(s)
Turbidity
Sediment

If known, describe respective concentrations, persistence, and potential impacts to the receiving water and data on parameters that may alter the effects of the discharge to the receiving water
No other known respective concentrations of contamination.

Impaired Waters

An ***impaired waterbody*** are those listed as a **Category 4 [304(b)] or Category 5 [303(d)]** in the current EPA approved *Alaska's Integrated Water Quality Monitoring and Assessment Report.*

For the most recently *Approved Integrated Water Quality Monitoring And Assessment Report (Integrated Report)*, see DEC's website:

- **Integrated Water Quality Monitoring And Assessment Report** https://dec.alaska.gov/water/water-quality/integrated-report

Does a discharge of any parameter identified above occur to an impaired waterbody?
No

If determined necessary and requested by the Department, submit sufficient and credible baseline water quality information for the receiving water which meets the requirements of 18 AAC 70.016(a)(6)(A-C).

Avoidance & Minimization BMPs and Mitigation Measures

Describe how impacts are being avoided and minimized on the project site. Include best management practices (BMPs) for sediment and erosion controls that will be implemented to minimize environmental impacts, and any methods and means proposed to monitor the discharge and the equipment or measures planned to treat, control, or manage the discharge.

Include a description of any methods and means proposed to monitor the discharge and the equipment or measures planned to treat, control, or manage the discharge
The impacts of potential runoff will be mitigated by construction best management practices developed from an engineered prepared erosion and sediment control plan and implemented by the general contractor chosen for the work. The management will include straw waddles, silt fencing, rocks check dams and any other stabilization needed to contain sediment from leaving the project site.

Avoidance Measures
This is a water dependent project for a marine facility, so avoidance is not practical.

Minimization Measures
A minimum amount of dredging will be performed to limit the impact of construction on affected waters. Work will be performed at low tides to minimize impact on waterways.

Mitigation Measures
No mitigation is proposed.

Social / Economic Importance

Social or Economic Importance

(18 AAC 70.016(c)(5): Provide information that demonstrates the accommodation of important social or economic development. The applicant shall complete either a social OR economic importance analysis (or both) for each affected community in the area where the receiving water for the proposed discharge is located.

Social Importance Analysis
NONE PROVIDED

Economic Importance Analysis
NONE PROVIDED

Describe Social and/or Economic Importance of the project
Lessens the impact to already limited city dock space.

Description of Social or Economic Importance, if needed
NONE PROVIDED
Comment
NONE PROVIDED

List of Other Permits or Certificates

*Would include but is not restricted to zoning, building, and flood plain permits.

Include a list of all other federal, interstate, tribal, state, territorial, or local agency authorizations required for the proposed project, including all approvals or denials already received.

Agency	Type of Approval*	Identification Number	Date Applied	Date Approved	Date Denied
NONE PROVIDED	*NONE PROVIDED*	*NONE PROVIDED*	*NONE PROVIDED*	*NONE PROVIDED*	*NONE PROVIDED*

Other Agency or Local Contacts (1 of 1)

Contact Role
OTHER_REG_CNTCT

Other Agency and or Local Contacts

First Name **Last Name**
Oliver Lewis

Title
Public Works Director

Organization Name
City of Craig Public Works

Phone Type **Number** **Extension**
Business 907-401-0799

Email
publicworks@craigak.com

Attachments

Copy of Federal Application (USACE, EPA, or FERC, etc.)
Anderson ACOE Permit SIGNED.pdf - 01/16/2025 11:07 AM
Comment
NONE PROVIDED

Figures and/or Drawings/Plan Sets. To include a map or diagram of the proposed activity site, including the proposed activity boundaries in relation to local streets, roads, and highways.
ANDERSON PERMIT DRAWINGS.pdf - 01/16/2025 11:07 AM
Comment
NONE PROVIDED

Document Attachments
Anderson Corp permit Barge Route.pdf - 01/16/2025 11:07 AM
Comment
NONE PROVIDED

Delegation of Authority for Submission of Application
Signed delegation-of-authority-401-application (5).pdf - 01/16/2025 11:07 AM
Comment
NONE PROVIDED

As per 18 AAC 15.030 signing of applications, all permit or approval applications must be signed as follows:
1) in the case of corporations, by a principal executive officer of at least the level of vice president or his duly authorized representative, if the representative is responsible for the overall management of the project or operation;
2) in the case of a partnership, by a general partner;
3) in the case of a sole proprietorship, by the proprietor; and
4) in the case of a municipal, state, federal or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief. The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.

Revisions

Revision	Revision Date	Revision By
Revision 1	1/16/2025 11:07 AM	ian@rmketchikan.com ian@rmketchikan.com
Revision 2	1/23/2025 8:15 AM	ian@rmketchikan.com ian@rmketchikan.com
Revision 3	1/24/2025 1:13 PM	ian@rmketchikan.com ian@rmketchikan.com

Agreements and Signature(s)

As per 18 AAC 15.030 signing of applications, all permit or approval applications must be signed as follows:
1) in the case of corporations, by a principal executive officer of at least the level of vice president or his duly authorized representative, if the representative is responsible for the overall management of the project or operation;
2) in the case of a partnership, by a general partner;
3) in the case of a sole proprietorship, by the proprietor; and
4) in the case of a municipal, state, federal or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
The project proponent hereby certifies that all information contained herein is true, accurate, and complete to the best of my knowledge and belief. The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.

Signed By ian@rmketchikan.com ian@rmketchikan.com on 01/24/2025 at 2:03 PM